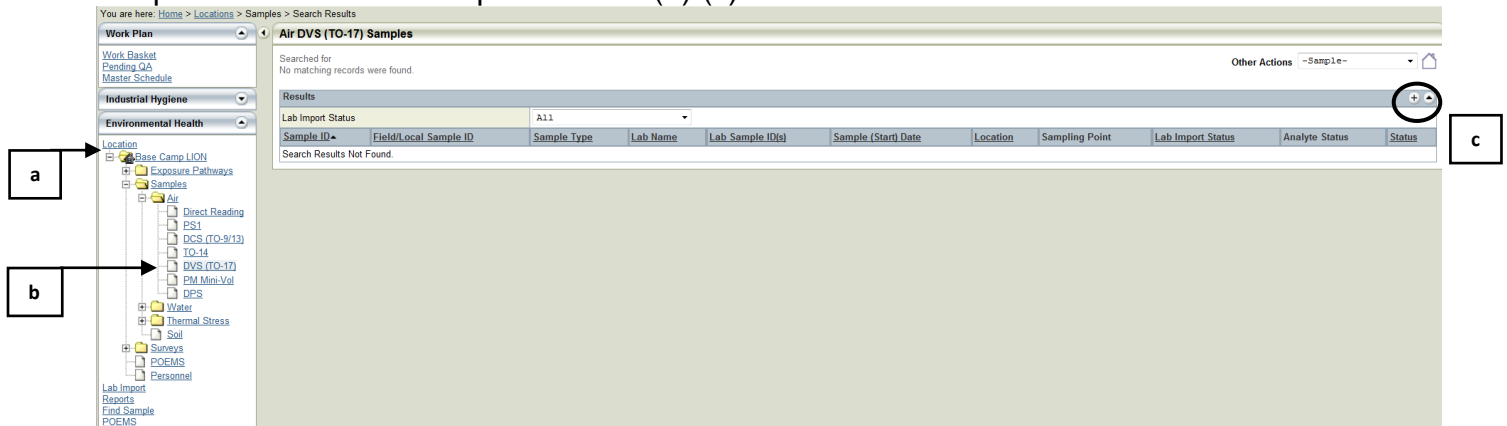
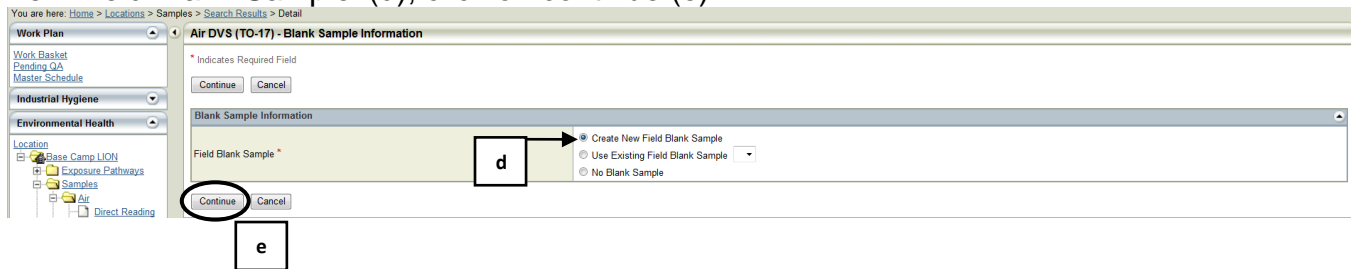


Adding Air (DVS) Samples

[1] Ensure you have accessed your Location (a), then expand the (+) icons in the Menu Tree under Samples -> Air -> DVS(TO-17). Click the DVS (TO17) link (b) to view and/or add a sample. To add a new sample click the (+) (c).



[2] The first screen seen after clicking the new sample (+) will be the Blank Sample Information. Typically there is a Blank Sample used for a co-located DVS sample. After selecting 'Create New Field Blank Sample' (d), click on continue (e).



[3] Within the Administrative Data tile, begin to transpose the hand written notes off the Field Data Sheet. There are 2* required fields for this media: Start Date/Time AND Sample Reason. The Sampling point and Exposure Notes are equally important. When deployed the Sample Reason is commonly toggled as OEHSA/ Exposure Pathway (EP). When this option* is selected, it is required to use the 'Associate Exposure Pathway(s)' Button. The Exposure Notes should include supporting site and day specific events.

Tips:

- The Field ID ends in _A due to the *co-located nature* of DVS sampling.
- The Sample Status should remain In Progress. Only APHC will advance sample Status due to shipment/laboratory uncertainties.
- Sampling Point provides location and spatial information.
- Exposure Notes should be detailed based on the day.
- Air Samples should have notes on the Pre and Post ambient conditions.

Exposure Pathways - Search Results

Please select Exposure Pathways to associate with the sample. The Exposure Pathways listed here are filtered based on the sample date and sample type.

Location: SPIN BULDAK
Sample Type: Air DPS
Sample Date: 2014/09/01
Sample ID: (New)

Associate Selected Exposure Pathway(s) Cancel

Results

Select	Exposure Pathway ID	Location	Name	Source	Environmental Media	Health Threat	Route of Exposure	Number of Affected Personnel	Priority	Start Date	Stop Date
<input type="checkbox"/>	2590	Base Camp SPIN BULDAK									
<input type="checkbox"/>	2591	Base Camp SPIN BULDAK									
<input type="checkbox"/>	2594	Base Camp SPIN BULDAK									
<input checked="" type="checkbox"/>	9938	Base Camp SPIN BULDAK	Spin Buldak Burn Pit	Burn pit	Air	PM2.5 and open burning emissions	Inhalation	1	Low	2010/01/01	
<input type="checkbox"/>	7330	Base Camp SPIN BULDAK	Incinerators/Burn_Air_Part particulate_inhalation	Incinerators/Burn pits	Air	Particulate	Inhalation	1	Low	1996/01/01	

Page: 1 (Displaying results 1 - 5 of 5)

Associate Selected Exposure Pathway(s) Cancel

- The user can add or search for additional EPs from the (+) or Other Actions if needed.

- The 'Associate' Button will search all EPs with Air as the media.
- Select one or many EPs as applicable and then click 'Associate Selected'.

- The EP is now associated to the Sample. This is **REQUIRED** when the OEHS/Exposure Pathway Sample Reason is toggled.

Sample Reason: OEHS / Exposure Pathway Note: You must associate this sample with at least one Exposure Pathway.

Exposure Duration: ☐ < 1 Week ☐ < 2 Week ☐ < 1 Year ☒ >= 1 Year

Exposure Notes: Typical heavy traffic and generator activity. PRE: Calm morning POST: Breezy, hazy afternoon

Associated Exposure Pathways

Select	Exposure Pathway ID	Source	Environmental Media	Health Threat	Route of Exposure	Number of Affected Personnel	Existing Controls	Duration	Frequency	Severity	Probability
<input checked="" type="checkbox"/>	9938	Burn pit	Air	PM2.5 and open burning emissions	Inhalation	1	Wind aids some days, but other days blows it on the camp. No other controls in place.	12 hour	7 times / week	Negligible	Unlikely

Associate Exposure Pathway(s) Disassociate Selected Exposure Pathway(s)

[4] Additional Field Data should be entered that supports the Exposure notes. However, do not use the Notes boxes in the Field Data tile, just use Exposure Notes box above in the Administrative Data tile (historical data reporting reasons for this). *Note: If a DVS Pump is used, TO-17 Sampler Serial #'s (pocket pumps) cannot also be listed.*

Field Data

Is Industry Around Sampling Location? ☐ Yes ☒ No ☐ Not Known

Rain ☐ Yes ☒ No

TO-17 Sampler Serial # (Leave Blank if using DVS)

DVS Pump Serial # 16219 Pump

Sample Tube ID 1234

Sample Duration 480 min

Date/Time * 2013/03/05 0800

Flow Rate * 40.01 cc/min

Notes

Present, Is It Active? ☐ Yes ☒ No ☐ Not Known

TO-17 Calibrator Serial #

Field Blank Tube ID C1000

Sample Tube ID #2 (DVS) 1235

Date/Time * 2013/03/05 (yyyy/mm/dd) 1600 (1500)

Flow Rate * 39.89 cc/min

Notes

-The DVS Pump ID will come off the DVS kit.
-Sample Duration must match pre v. post difference (8 hrs).
-Initial flow rate target is 40 cc/min (0.4 L/min).

Add the Blank's Tube ID here.

[5] Sample Tube ID: 1234 corresponds to the sample ending in _A in Step 3. Sample Tube ID #2 (DVS): 1235 is the co-located tube. 1235 will become the primary Sample Tube ID after using a 'Save and Copy as Another Sample' (Step 6). The same Field Blank Tube ID will be used for both Samples and read off the tube the same way the other IDs were.

Field Data

Is Industry Around Sampling Location? ☐ Yes ☒ No ☐ Not Known

Rain ☐ Yes ☒ No

TO-17 Sampler Serial #

DVS Pump Serial # 16219 Pump

Sample Tube ID 1234

Sample Duration 480 min

Date/Time * 2013/03/05 0800

Flow Rate * 40.01 cc/min

Notes

If Industry Is Present, Is It Active? ☐ Yes ☒ No ☐ Not Known

Invalid Sample

TO-17 Calibrator Serial #

Field Blank Tube ID C1000

Sample Tube ID #2 (DVS) 1235

Date/Time * 2013/03/05 (yyyy/mm/dd) 1600 (1500)

Flow Rate * 39.89 cc/min

Notes

[6] After all Field and Exposure Data are recorded use the 'Save and Continue' button (a) to generate the DOEHRs ID. This can be thought of as the sample's "shell." Later, laboratory data will be added to complete "shell" and further assessment will occur. **Assessment is only as good as the EP(s), field data, and exposure notes!** The DOEHRs Field Blank will then correspond to Field Blank Tube Id (b). Then use a 'Save and Copy as Another Sample' (c) to account for Tube ID #2: 1235 (d).

Administrative

Sample Type: Air DVS (TO-17) **a**

Sample ID: 00001LULX

Start Date/Time: 2013/03/05 (YYYY/MM/DD)

Sampling Point: DPAC-Main (50 ft SE)

Collector's Name: Last Name, First name, first initial

Collector's Phone No.: 555-5555

Sample Reason: OSHA / Exposure Pathway

Exposure Duration: < 1 Week < 2 Week

Exposure Notes: Typical heavy traffic and generator activity. PRE: Calm morning POST: Breezy, hazy afternoon

Associated Exposure Pathways

Select Exposure Pathway ID: 3988 Source: Vehicle Maintenance Air Environmental Media: Air Health Threat: vehicle exhaust fumes Route of Exposure: Inhalation Number of Affected Personnel: 10 Existing Controls: PPE not worn, but safety guidelines are post Duration: 2-5 hour Frequency: 6 times / week Severity: Negligible Probability: Occasional

Field Data

Is Industry Around Sampling Location? Yes No Not Known

Rain: Yes No

TO-17 Sampler Serial #: 14218

DVS Pump Serial #: 1234

Sample Tube ID: 1235 **b**

Sample Duration: 480 min

If Industry Is Present, Is It Active? Yes No Not Known

Invalid Sample

TO-17 Calibrator Serial #: 10000

Field Blank Tube ID: 1235 **d**

Sample Tube ID #2 (DVS): 1235

Individual Samples

Type: Sample

Sample ID: 00001LULX

Lab Sample ID: Select Lab Sample IDs

Field Blank: 00001LULX

Lab Sample ID: Select Lab Sample IDs

Buttons: Save, Save And Continue, Save and Copy as Another Sample, Cancel

Other Actions: -Sample-

Text Box: The DOEHRs ID is a permanent ID for the sample.

[7] After clicking 'Save and Copy as Another Sample', use the 'Retain Blank from Previous' option, then Continue.

Air DVS (TO-17) - Copy As Another Sample

Indicates Required Field

Continue Cancel

Blank Sample Information

Field Blank Sample *

☒ Retain Field Blank Sample From Previous

☐ Use Existing Field Blank Sample

☐ No Blank Sample

Continue Cancel

[8] The 'Save and Copy as Another Sample' function will bring over *some* of the same information. Most importantly are the EP(s), Exposure Notes and Blank ID.

[9] Populate the 2nd FDS with the co-located Sample information. Then use a 'Save a Continue'.

Tube IDs have been swapped
1235 has its own DOEHS ID
and is Sample_B

-The Sampling Point and a few fields need to be re-added, but this is to ensure correctness.
-Flow rates would be expected to be different, though sample duration/time/location must be re-added.
-Both Samples now have the same Blank ID (e.g. C1000).

[10] Sample geo-coordinates can be added if unclassified and the hard copy FDSs should be scanned to their respective Tube/DOEHRS ID with the DOEHR ID handwritten on the top of each FDS. Use a 'Save' [and exit] to finish.

Location Information

Data must be UNCLASSIFIED

Parent Location: LION

Sample Location Information

Coordinates Lat/Long (Decimal Degrees)

Coordinates Lat/Long (Degrees/Minutes/Seconds)

Universal Transverse Mercator (UTM) Coordinates

Military Grid Reference System (MGRS) Coordinates

Location Description

GRM

Attachments (0)

Program Office Information

Save Save And Continue Save and Copy as Another Sample Cancel

[11] Both Samples should have a unique DOEHR ID, the correct Tube ID, the correct field (A v. B), the same Blank, same Exposure Notes/EP ID, and same Sampling Point. Note: The sample should remain 'In Progress' in the field and through shipment. **The APHC will advance the Status after shipment and laboratory analysis.**

Work Plan

Work Basket

Pending QA

Master Schedule

Industrial Hygiene

Environmental Health

Location

Base Camp LION

Exposure Pathways

Air

Direct Reading

DS1

DS2 (TD-9/13)

TD-14

DVS (TO-17)

Search for Results 1-2 of 2 records found.

Other Actions -Sample-

Results

Lab Import Status: All

Select All De-Select All Ready for QA Review Approved by QA

Select	Sample ID	Field/Local Sample ID	Sample Type	Lab Name	Lab Sample ID(s)	Sample Start Date	Location	Sampling Point	Lab Import Status	Analyte Status	Status
<input type="checkbox"/>	00001ULX	AFG_LION_DVS_20130305_A	Air DVS (TO-17)			2013/03/05 0000	Base Camp LION	DFAC-Main (50 ft SE)	Results Not Loaded		In Progress
<input type="checkbox"/>	00001ULZ	AFG_LION_DVS_20130305_B	Air DVS (TO-17)			2013/03/05 0000	Base Camp LION	DFAC-Main (50 ft SE)	Results Not Loaded		In Progress

Select All De-Select All Ready for QA Review Approved by QA

Page: 1

« Previous | Next »

Lab results will be added after sample is shipped and analyzed.